# Release notes for ENDF/B Development n-062_Sm_148 evaluation



April 26, 2017

- **checkr** Warnings:

    1. A previous error halted parsing of the current section
       *MAT=6237, MF= 1, MT=451 (1): Parsing stopped*

    ```
    ERROR(S) FOUND IN MAT=6237, MF= 1, MT=451
        SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER      231 TO     551
    ```

- **checkr** Errors:

    1. A variable is outside the allowed ENDF range
       *MAT=6237, MF= 1, MT=451 (0): Variable range*

    ```
    ERROR(S) FOUND IN MAT=6237, MF= 1, MT=451
        MOD =     1 OUT OF RANGE     0 -    0          RECORD NUMBER     231
    ```

    2. Missing a section in directory so your directory is messed up. This error will break everything else
       *MAT=6237, MF= 2, MT=151 (0): Directory (b)*

    ```
    ERROR(S) FOUND IN MAT=6237, MF= 2, MT=151
        SECTION  2/151 NOT IN DIRECTORY               RECORD NUMBER     553
    ```

    3. Missing a section in directory so your directory is messed up. This error will break everything else
       *MAT=6237, MF= 3, MT= 1 (0): Directory (b)*

    ```
    ERROR(S) FOUND IN MAT=6237, MF= 3, MT=  1
        SECTION  3/  1 NOT IN DIRECTORY               RECORD NUMBER     851
    ```

    4. Missing a section in directory so your directory is messed up. This error will break everything else
       *MAT=6237, MF= 3, MT= 2 (0): Directory (b)*

    ```
    ERROR(S) FOUND IN MAT=6237, MF= 3, MT=  2
        SECTION  3/  2 NOT IN DIRECTORY               RECORD NUMBER     866
    ```

    5. Missing a section in directory so your directory is messed up. This error will break everything else
       *MAT=6237, MF= 3, MT= 4 (0): Directory (b)*

    ```
    ERROR(S) FOUND IN MAT=6237, MF= 3, MT=  4
        SECTION  3/  4 NOT IN DIRECTORY               RECORD NUMBER     902
    ```

    6. Missing a section in directory so your directory is messed up. This error will break everything else
       *MAT=6237, MF= 3, MT= 16 (0): Directory (b)*

    ```
    ERROR(S) FOUND IN MAT=6237, MF= 3, MT= 16
        SECTION  3/ 16 NOT IN DIRECTORY               RECORD NUMBER     925
    ```

    7. Missing a section in directory so your directory is messed up. This error will break everything else
       *MAT=6237, MF= 3, MT= 17 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT= 17
            SECTION  3/ 17 NOT IN DIRECTORY                RECORD NUMBER     934
```

8. Missing a section in directory so your directory is messed up. This error will break everything else
   $MAT{=}6237,\ MF{=}\ 3,\ MT{=}\ 22\ (0)\text{: Directory (b)}$

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT= 22
            SECTION  3/ 22 NOT IN DIRECTORY                RECORD NUMBER     941
```

9. Missing a section in directory so your directory is messed up. This error will break everything else
   $MAT{=}6237,\ MF{=}\ 3,\ MT{=}\ 24\ (0)\text{: Directory (b)}$

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT= 24
            SECTION  3/ 24 NOT IN DIRECTORY                RECORD NUMBER     952
```

10. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT{=}6237,\ MF{=}\ 3,\ MT{=}\ 28\ (0)\text{: Directory (b)}$

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT= 28
            SECTION  3/ 28 NOT IN DIRECTORY                RECORD NUMBER     960
```

11. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT{=}6237,\ MF{=}\ 3,\ MT{=}\ 41\ (0)\text{: Directory (b)}$

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT= 41
            SECTION  3/ 41 NOT IN DIRECTORY                RECORD NUMBER     969
```

12. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT{=}6237,\ MF{=}\ 3,\ MT{=}\ 51\ (0)\text{: Directory (b)}$

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT= 51
            SECTION  3/ 51 NOT IN DIRECTORY                RECORD NUMBER     975
```

13. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT{=}6237,\ MF{=}\ 3,\ MT{=}\ 52\ (0)\text{: Directory (b)}$

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT= 52
            SECTION  3/ 52 NOT IN DIRECTORY                RECORD NUMBER     992
```

14. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT{=}6237,\ MF{=}\ 3,\ MT{=}\ 53\ (0)\text{: Directory (b)}$

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT= 53
            SECTION  3/ 53 NOT IN DIRECTORY                RECORD NUMBER    1006
```

15. Missing a section in directory so your directory is messed up. This error will break everything else
    $MAT{=}6237,\ MF{=}\ 3,\ MT{=}\ 54\ (0)\text{: Directory (b)}$

```
ERROR(S) FOUND IN MAT=6237, MF= 3, MT= 54
    SECTION  3/ 54 NOT IN DIRECTORY                RECORD NUMBER    1021
```

16. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT= 55 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 3, MT= 55
    SECTION  3/ 55 NOT IN DIRECTORY                RECORD NUMBER    1035
```

17. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT= 56 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 3, MT= 56
    SECTION  3/ 56 NOT IN DIRECTORY                RECORD NUMBER    1049
```

18. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT= 57 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 3, MT= 57
    SECTION  3/ 57 NOT IN DIRECTORY                RECORD NUMBER    1062
```

19. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT= 58 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 3, MT= 58
    SECTION  3/ 58 NOT IN DIRECTORY                RECORD NUMBER    1074
```

20. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT= 59 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 3, MT= 59
    SECTION  3/ 59 NOT IN DIRECTORY                RECORD NUMBER    1086
```

21. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT= 60 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 3, MT= 60
    SECTION  3/ 60 NOT IN DIRECTORY                RECORD NUMBER    1099
```

22. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT= 61 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 3, MT= 61
    SECTION  3/ 61 NOT IN DIRECTORY                RECORD NUMBER    1112
```

23. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT= 62 (0): Directory (b)*

```
    ERROR(S) FOUND IN MAT=6237, MF= 3, MT= 62
       SECTION  3/ 62 NOT IN DIRECTORY                    RECORD NUMBER    1125
```

24. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT= 63 (0): Directory (b)*

```
    ERROR(S) FOUND IN MAT=6237, MF= 3, MT= 63
       SECTION  3/ 63 NOT IN DIRECTORY                    RECORD NUMBER    1138
```

25. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT= 91 (0): Directory (b)*

```
    ERROR(S) FOUND IN MAT=6237, MF= 3, MT= 91
       SECTION  3/ 91 NOT IN DIRECTORY                    RECORD NUMBER    1151
```

26. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=102 (0): Directory (b)*

```
    ERROR(S) FOUND IN MAT=6237, MF= 3, MT=102
       SECTION  3/102 NOT IN DIRECTORY                    RECORD NUMBER    1168
```

27. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=103 (0): Directory (b)*

```
    ERROR(S) FOUND IN MAT=6237, MF= 3, MT=103
       SECTION  3/103 NOT IN DIRECTORY                    RECORD NUMBER    1186
```

28. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=107 (0): Directory (b)*

```
    ERROR(S) FOUND IN MAT=6237, MF= 3, MT=107
       SECTION  3/107 NOT IN DIRECTORY                    RECORD NUMBER    1209
```

29. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=600 (0): Directory (b)*

```
    ERROR(S) FOUND IN MAT=6237, MF= 3, MT=600
       SECTION  3/600 NOT IN DIRECTORY                    RECORD NUMBER    1231
```

30. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=601 (0): Directory (b)*

```
    ERROR(S) FOUND IN MAT=6237, MF= 3, MT=601
       SECTION  3/601 NOT IN DIRECTORY                    RECORD NUMBER    1242
```

31. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=602 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=602
          SECTION  3/602 NOT IN DIRECTORY                 RECORD NUMBER    1253
```

32. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=603 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=603
          SECTION  3/603 NOT IN DIRECTORY                 RECORD NUMBER    1264
```

33. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=604 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=604
          SECTION  3/604 NOT IN DIRECTORY                 RECORD NUMBER    1275
```

34. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=605 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=605
          SECTION  3/605 NOT IN DIRECTORY                 RECORD NUMBER    1286
```

35. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=606 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=606
          SECTION  3/606 NOT IN DIRECTORY                 RECORD NUMBER    1297
```

36. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=607 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=607
          SECTION  3/607 NOT IN DIRECTORY                 RECORD NUMBER    1308
```

37. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=608 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=608
          SECTION  3/608 NOT IN DIRECTORY                 RECORD NUMBER    1319
```

38. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=609 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=609
          SECTION  3/609 NOT IN DIRECTORY                 RECORD NUMBER    1330
```

39. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=610 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=610
           SECTION  3/610 NOT IN DIRECTORY                    RECORD NUMBER    1341
```

40. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=611 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=611
           SECTION  3/611 NOT IN DIRECTORY                    RECORD NUMBER    1352
```

41. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=612 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=612
           SECTION  3/612 NOT IN DIRECTORY                    RECORD NUMBER    1363
```

42. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=613 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=613
           SECTION  3/613 NOT IN DIRECTORY                    RECORD NUMBER    1374
```

43. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=614 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=614
           SECTION  3/614 NOT IN DIRECTORY                    RECORD NUMBER    1385
```

44. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=615 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=615
           SECTION  3/615 NOT IN DIRECTORY                    RECORD NUMBER    1396
```

45. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=616 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=616
           SECTION  3/616 NOT IN DIRECTORY                    RECORD NUMBER    1407
```

46. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=617 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=617
           SECTION  3/617 NOT IN DIRECTORY                    RECORD NUMBER    1418
```

47. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=618 (0): Directory (b)*

```
       ERROR(S) FOUND IN MAT=6237, MF= 3, MT=618
          SECTION  3/618 NOT IN DIRECTORY                    RECORD NUMBER    1429
```

48. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=619 (0): Directory (b)*

```
       ERROR(S) FOUND IN MAT=6237, MF= 3, MT=619
          SECTION  3/619 NOT IN DIRECTORY                    RECORD NUMBER    1440
```

49. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=620 (0): Directory (b)*

```
       ERROR(S) FOUND IN MAT=6237, MF= 3, MT=620
          SECTION  3/620 NOT IN DIRECTORY                    RECORD NUMBER    1451
```

50. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=621 (0): Directory (b)*

```
       ERROR(S) FOUND IN MAT=6237, MF= 3, MT=621
          SECTION  3/621 NOT IN DIRECTORY                    RECORD NUMBER    1462
```

51. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=622 (0): Directory (b)*

```
       ERROR(S) FOUND IN MAT=6237, MF= 3, MT=622
          SECTION  3/622 NOT IN DIRECTORY                    RECORD NUMBER    1473
```

52. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=623 (0): Directory (b)*

```
       ERROR(S) FOUND IN MAT=6237, MF= 3, MT=623
          SECTION  3/623 NOT IN DIRECTORY                    RECORD NUMBER    1484
```

53. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=624 (0): Directory (b)*

```
       ERROR(S) FOUND IN MAT=6237, MF= 3, MT=624
          SECTION  3/624 NOT IN DIRECTORY                    RECORD NUMBER    1495
```

54. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=625 (0): Directory (b)*

```
       ERROR(S) FOUND IN MAT=6237, MF= 3, MT=625
          SECTION  3/625 NOT IN DIRECTORY                    RECORD NUMBER    1506
```

55. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=626 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 3, MT=626
        SECTION  3/626 NOT IN DIRECTORY                RECORD NUMBER    1517
```

56. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 3, MT=627 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 3, MT=627
        SECTION  3/627 NOT IN DIRECTORY                RECORD NUMBER    1528
```

57. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 3, MT=628 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 3, MT=628
        SECTION  3/628 NOT IN DIRECTORY                RECORD NUMBER    1539
```

58. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 3, MT=629 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 3, MT=629
        SECTION  3/629 NOT IN DIRECTORY                RECORD NUMBER    1550
```

59. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 3, MT=630 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 3, MT=630
        SECTION  3/630 NOT IN DIRECTORY                RECORD NUMBER    1561
```

60. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 3, MT=631 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 3, MT=631
        SECTION  3/631 NOT IN DIRECTORY                RECORD NUMBER    1572
```

61. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 3, MT=632 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 3, MT=632
        SECTION  3/632 NOT IN DIRECTORY                RECORD NUMBER    1583
```

62. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 3, MT=633 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 3, MT=633
        SECTION  3/633 NOT IN DIRECTORY                RECORD NUMBER    1594
```

63. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 3, MT=634 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 3, MT=634
    SECTION  3/634 NOT IN DIRECTORY                    RECORD NUMBER    1605
```

64. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237$, $MF= 3$, $MT=649$ (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6237, MF= 3, MT=649
    SECTION  3/649 NOT IN DIRECTORY                    RECORD NUMBER    1616
```

65. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237$, $MF= 3$, $MT=800$ (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6237, MF= 3, MT=800
    SECTION  3/800 NOT IN DIRECTORY                    RECORD NUMBER    1627
```

66. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237$, $MF= 3$, $MT=801$ (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6237, MF= 3, MT=801
    SECTION  3/801 NOT IN DIRECTORY                    RECORD NUMBER    1649
```

67. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237$, $MF= 3$, $MT=802$ (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6237, MF= 3, MT=802
    SECTION  3/802 NOT IN DIRECTORY                    RECORD NUMBER    1671
```

68. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237$, $MF= 3$, $MT=803$ (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6237, MF= 3, MT=803
    SECTION  3/803 NOT IN DIRECTORY                    RECORD NUMBER    1693
```

69. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237$, $MF= 3$, $MT=804$ (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6237, MF= 3, MT=804
    SECTION  3/804 NOT IN DIRECTORY                    RECORD NUMBER    1715
```

70. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237$, $MF= 3$, $MT=805$ (0): Directory (b)

```
ERROR(S) FOUND IN MAT=6237, MF= 3, MT=805
    SECTION  3/805 NOT IN DIRECTORY                    RECORD NUMBER    1737
```

71. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237$, $MF= 3$, $MT=806$ (0): Directory (b)

9

```
    ERROR(S) FOUND IN MAT=6237, MF= 3, MT=806
        SECTION  3/806 NOT IN DIRECTORY                RECORD NUMBER    1759
```

72. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=807 (0): Directory (b)*

```
    ERROR(S) FOUND IN MAT=6237, MF= 3, MT=807
        SECTION  3/807 NOT IN DIRECTORY                RECORD NUMBER    1781
```

73. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=808 (0): Directory (b)*

```
    ERROR(S) FOUND IN MAT=6237, MF= 3, MT=808
        SECTION  3/808 NOT IN DIRECTORY                RECORD NUMBER    1803
```

74. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=809 (0): Directory (b)*

```
    ERROR(S) FOUND IN MAT=6237, MF= 3, MT=809
        SECTION  3/809 NOT IN DIRECTORY                RECORD NUMBER    1824
```

75. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=810 (0): Directory (b)*

```
    ERROR(S) FOUND IN MAT=6237, MF= 3, MT=810
        SECTION  3/810 NOT IN DIRECTORY                RECORD NUMBER    1844
```

76. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=811 (0): Directory (b)*

```
    ERROR(S) FOUND IN MAT=6237, MF= 3, MT=811
        SECTION  3/811 NOT IN DIRECTORY                RECORD NUMBER    1866
```

77. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=812 (0): Directory (b)*

```
    ERROR(S) FOUND IN MAT=6237, MF= 3, MT=812
        SECTION  3/812 NOT IN DIRECTORY                RECORD NUMBER    1888
```

78. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=813 (0): Directory (b)*

```
    ERROR(S) FOUND IN MAT=6237, MF= 3, MT=813
        SECTION  3/813 NOT IN DIRECTORY                RECORD NUMBER    1908
```

79. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=814 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=814
            SECTION  3/814 NOT IN DIRECTORY                RECORD NUMBER    1930
```

80. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=815 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=815
            SECTION  3/815 NOT IN DIRECTORY                RECORD NUMBER    1952
```

81. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=816 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=816
            SECTION  3/816 NOT IN DIRECTORY                RECORD NUMBER    1974
```

82. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=817 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=817
            SECTION  3/817 NOT IN DIRECTORY                RECORD NUMBER    1996
```

83. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=818 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=818
            SECTION  3/818 NOT IN DIRECTORY                RECORD NUMBER    2018
```

84. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=819 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=819
            SECTION  3/819 NOT IN DIRECTORY                RECORD NUMBER    2040
```

85. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=820 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=820
            SECTION  3/820 NOT IN DIRECTORY                RECORD NUMBER    2062
```

86. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=821 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=821
            SECTION  3/821 NOT IN DIRECTORY                RECORD NUMBER    2084
```

87. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=822 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=822
            SECTION  3/822 NOT IN DIRECTORY                    RECORD NUMBER    2106
```

88. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=823 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=823
            SECTION  3/823 NOT IN DIRECTORY                    RECORD NUMBER    2128
```

89. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=824 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=824
            SECTION  3/824 NOT IN DIRECTORY                    RECORD NUMBER    2147
```

90. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=825 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=825
            SECTION  3/825 NOT IN DIRECTORY                    RECORD NUMBER    2169
```

91. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 3, MT=849 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 3, MT=849
            SECTION  3/849 NOT IN DIRECTORY                    RECORD NUMBER    2187
```

92. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 4, MT= 2 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT=  2
            SECTION  4/  2 NOT IN DIRECTORY                    RECORD NUMBER    2209
```

93. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 4, MT= 51 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT= 51
            SECTION  4/ 51 NOT IN DIRECTORY                    RECORD NUMBER    2352
```

94. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 4, MT= 52 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT= 52
            SECTION  4/ 52 NOT IN DIRECTORY                    RECORD NUMBER    2467
```

95. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 4, MT= 53 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT= 53
          SECTION  4/ 53 NOT IN DIRECTORY                RECORD NUMBER   2567
```

96. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 4, MT= 54 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT= 54
          SECTION  4/ 54 NOT IN DIRECTORY                RECORD NUMBER   2664
```

97. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 4, MT= 55 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT= 55
          SECTION  4/ 55 NOT IN DIRECTORY                RECORD NUMBER   2759
```

98. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 4, MT= 56 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT= 56
          SECTION  4/ 56 NOT IN DIRECTORY                RECORD NUMBER   2822
```

99. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF= 4, MT= 57 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT= 57
          SECTION  4/ 57 NOT IN DIRECTORY                RECORD NUMBER   2915
```

100. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT= 58 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT= 58
          SECTION  4/ 58 NOT IN DIRECTORY                RECORD NUMBER   3013
```

101. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT= 59 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT= 59
          SECTION  4/ 59 NOT IN DIRECTORY                RECORD NUMBER   3094
```

102. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT= 60 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT= 60
          SECTION  4/ 60 NOT IN DIRECTORY                RECORD NUMBER   3153
```

103. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT= 61 (0): Directory (b)*

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```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT= 61
           SECTION  4/ 61 NOT IN DIRECTORY                    RECORD NUMBER    3212
```

104. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237, MF= 4, MT= 62 (0): Directory (b)$

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT= 62
           SECTION  4/ 62 NOT IN DIRECTORY                    RECORD NUMBER    3301
```

105. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237, MF= 4, MT= 63 (0): Directory (b)$

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT= 63
           SECTION  4/ 63 NOT IN DIRECTORY                    RECORD NUMBER    3358
```

106. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237, MF= 4, MT=600 (0): Directory (b)$

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT=600
           SECTION  4/600 NOT IN DIRECTORY                    RECORD NUMBER    3415
```

107. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237, MF= 4, MT=601 (0): Directory (b)$

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT=601
           SECTION  4/601 NOT IN DIRECTORY                    RECORD NUMBER    3460
```

108. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237, MF= 4, MT=602 (0): Directory (b)$

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT=602
           SECTION  4/602 NOT IN DIRECTORY                    RECORD NUMBER    3505
```

109. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237, MF= 4, MT=603 (0): Directory (b)$

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT=603
           SECTION  4/603 NOT IN DIRECTORY                    RECORD NUMBER    3550
```

110. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237, MF= 4, MT=604 (0): Directory (b)$

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT=604
           SECTION  4/604 NOT IN DIRECTORY                    RECORD NUMBER    3595
```

111. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237, MF= 4, MT=605 (0): Directory (b)$

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=605
         SECTION  4/605 NOT IN DIRECTORY                    RECORD NUMBER    3640
```

112. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 4, MT=606 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=606
         SECTION  4/606 NOT IN DIRECTORY                    RECORD NUMBER    3685
```

113. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 4, MT=607 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=607
         SECTION  4/607 NOT IN DIRECTORY                    RECORD NUMBER    3730
```

114. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 4, MT=608 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=608
         SECTION  4/608 NOT IN DIRECTORY                    RECORD NUMBER    3775
```

115. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 4, MT=609 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=609
         SECTION  4/609 NOT IN DIRECTORY                    RECORD NUMBER    3820
```

116. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 4, MT=610 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=610
         SECTION  4/610 NOT IN DIRECTORY                    RECORD NUMBER    3865
```

117. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 4, MT=611 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=611
         SECTION  4/611 NOT IN DIRECTORY                    RECORD NUMBER    3910
```

118. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 4, MT=612 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=612
         SECTION  4/612 NOT IN DIRECTORY                    RECORD NUMBER    3955
```

119. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 4, MT=613 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=613
         SECTION  4/613 NOT IN DIRECTORY                    RECORD NUMBER    4000
```

120. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=614 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=614
         SECTION  4/614 NOT IN DIRECTORY                    RECORD NUMBER    4045
```

121. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=615 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=615
         SECTION  4/615 NOT IN DIRECTORY                    RECORD NUMBER    4090
```

122. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=616 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=616
         SECTION  4/616 NOT IN DIRECTORY                    RECORD NUMBER    4135
```

123. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=617 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=617
         SECTION  4/617 NOT IN DIRECTORY                    RECORD NUMBER    4180
```

124. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=618 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=618
         SECTION  4/618 NOT IN DIRECTORY                    RECORD NUMBER    4225
```

125. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=619 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=619
         SECTION  4/619 NOT IN DIRECTORY                    RECORD NUMBER    4270
```

126. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=620 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=620
         SECTION  4/620 NOT IN DIRECTORY                    RECORD NUMBER    4315
```

127. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=621 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=621
         SECTION  4/621 NOT IN DIRECTORY                    RECORD NUMBER    4360
```

128. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=622 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=622
         SECTION  4/622 NOT IN DIRECTORY                    RECORD NUMBER    4405
```

129. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=623 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=623
         SECTION  4/623 NOT IN DIRECTORY                    RECORD NUMBER    4450
```

130. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=624 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=624
         SECTION  4/624 NOT IN DIRECTORY                    RECORD NUMBER    4495
```

131. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=625 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=625
         SECTION  4/625 NOT IN DIRECTORY                    RECORD NUMBER    4540
```

132. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=626 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=626
         SECTION  4/626 NOT IN DIRECTORY                    RECORD NUMBER    4585
```

133. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=627 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=627
         SECTION  4/627 NOT IN DIRECTORY                    RECORD NUMBER    4630
```

134. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=628 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=628
         SECTION  4/628 NOT IN DIRECTORY                    RECORD NUMBER    4675
```

135. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=629 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 4, MT=629
     SECTION  4/629 NOT IN DIRECTORY                    RECORD NUMBER    4720
```

136. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=630 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 4, MT=630
     SECTION  4/630 NOT IN DIRECTORY                    RECORD NUMBER    4765
```

137. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=631 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 4, MT=631
     SECTION  4/631 NOT IN DIRECTORY                    RECORD NUMBER    4810
```

138. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=632 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 4, MT=632
     SECTION  4/632 NOT IN DIRECTORY                    RECORD NUMBER    4855
```

139. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=633 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 4, MT=633
     SECTION  4/633 NOT IN DIRECTORY                    RECORD NUMBER    4900
```

140. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=634 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 4, MT=634
     SECTION  4/634 NOT IN DIRECTORY                    RECORD NUMBER    4945
```

141. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=800 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 4, MT=800
     SECTION  4/800 NOT IN DIRECTORY                    RECORD NUMBER    4990
```

142. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=801 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 4, MT=801
     SECTION  4/801 NOT IN DIRECTORY                    RECORD NUMBER    5079
```

143. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=802 (0): Directory (b)*

```
          ERROR(S) FOUND IN MAT=6237, MF= 4, MT=802
               SECTION  4/802 NOT IN DIRECTORY                  RECORD NUMBER    5168
```

144. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=803 (0): Directory (b)*

```
          ERROR(S) FOUND IN MAT=6237, MF= 4, MT=803
               SECTION  4/803 NOT IN DIRECTORY                  RECORD NUMBER    5257
```

145. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=804 (0): Directory (b)*

```
          ERROR(S) FOUND IN MAT=6237, MF= 4, MT=804
               SECTION  4/804 NOT IN DIRECTORY                  RECORD NUMBER    5346
```

146. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=805 (0): Directory (b)*

```
          ERROR(S) FOUND IN MAT=6237, MF= 4, MT=805
               SECTION  4/805 NOT IN DIRECTORY                  RECORD NUMBER    5435
```

147. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=806 (0): Directory (b)*

```
          ERROR(S) FOUND IN MAT=6237, MF= 4, MT=806
               SECTION  4/806 NOT IN DIRECTORY                  RECORD NUMBER    5524
```

148. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=807 (0): Directory (b)*

```
          ERROR(S) FOUND IN MAT=6237, MF= 4, MT=807
               SECTION  4/807 NOT IN DIRECTORY                  RECORD NUMBER    5613
```

149. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=808 (0): Directory (b)*

```
          ERROR(S) FOUND IN MAT=6237, MF= 4, MT=808
               SECTION  4/808 NOT IN DIRECTORY                  RECORD NUMBER    5702
```

150. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=809 (0): Directory (b)*

```
          ERROR(S) FOUND IN MAT=6237, MF= 4, MT=809
               SECTION  4/809 NOT IN DIRECTORY                  RECORD NUMBER    5791
```

151. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=810 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=810
          SECTION  4/810 NOT IN DIRECTORY                RECORD NUMBER    5880
```

152. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 4, MT=811 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=811
          SECTION  4/811 NOT IN DIRECTORY                RECORD NUMBER    5969
```

153. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 4, MT=812 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=812
          SECTION  4/812 NOT IN DIRECTORY                RECORD NUMBER    6058
```

154. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 4, MT=813 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=813
          SECTION  4/813 NOT IN DIRECTORY                RECORD NUMBER    6147
```

155. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 4, MT=814 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=814
          SECTION  4/814 NOT IN DIRECTORY                RECORD NUMBER    6236
```

156. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 4, MT=815 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=815
          SECTION  4/815 NOT IN DIRECTORY                RECORD NUMBER    6325
```

157. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 4, MT=816 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=816
          SECTION  4/816 NOT IN DIRECTORY                RECORD NUMBER    6414
```

158. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 4, MT=817 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF= 4, MT=817
          SECTION  4/817 NOT IN DIRECTORY                RECORD NUMBER    6503
```

159. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 4, MT=818 (0): Directory (b)*

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```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT=818
          SECTION  4/818 NOT IN DIRECTORY                RECORD NUMBER    6592
```

160. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=819 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT=819
          SECTION  4/819 NOT IN DIRECTORY                RECORD NUMBER    6681
```

161. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=820 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT=820
          SECTION  4/820 NOT IN DIRECTORY                RECORD NUMBER    6770
```

162. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=821 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT=821
          SECTION  4/821 NOT IN DIRECTORY                RECORD NUMBER    6859
```

163. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=822 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT=822
          SECTION  4/822 NOT IN DIRECTORY                RECORD NUMBER    6948
```

164. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=823 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT=823
          SECTION  4/823 NOT IN DIRECTORY                RECORD NUMBER    7037
```

165. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=824 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT=824
          SECTION  4/824 NOT IN DIRECTORY                RECORD NUMBER    7126
```

166. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 4, MT=825 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 4, MT=825
          SECTION  4/825 NOT IN DIRECTORY                RECORD NUMBER    7215
```

167. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 6, MT= 16 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 6, MT= 16
    SECTION  6/ 16 NOT IN DIRECTORY              RECORD NUMBER    7305
```

168. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 6, MT= 17 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 6, MT= 17
    SECTION  6/ 17 NOT IN DIRECTORY              RECORD NUMBER    8062
```

169. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 6, MT= 22 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 6, MT= 22
    SECTION  6/ 22 NOT IN DIRECTORY              RECORD NUMBER    8207
```

170. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 6, MT= 24 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 6, MT= 24
    SECTION  6/ 24 NOT IN DIRECTORY              RECORD NUMBER    9935
```

171. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 6, MT= 28 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 6, MT= 28
    SECTION  6/ 28 NOT IN DIRECTORY              RECORD NUMBER    10365
```

172. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 6, MT= 41 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 6, MT= 41
    SECTION  6/ 41 NOT IN DIRECTORY              RECORD NUMBER    11115
```

173. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 6, MT= 91 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 6, MT= 91
    SECTION  6/ 91 NOT IN DIRECTORY              RECORD NUMBER    11212
```

174. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 6, MT=102 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF= 6, MT=102
    SECTION  6/102 NOT IN DIRECTORY              RECORD NUMBER    14057
```

175. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF= 6, MT=649 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 6, MT=649
          SECTION  6/649 NOT IN DIRECTORY                  RECORD NUMBER   15077
```

176. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF= 6, MT=849 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF= 6, MT=849
          SECTION  6/849 NOT IN DIRECTORY                  RECORD NUMBER   15801
```

177. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT= 51 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT= 51
          SECTION 12/ 51 NOT IN DIRECTORY                  RECORD NUMBER   17289
```

178. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT= 52 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT= 52
          SECTION 12/ 52 NOT IN DIRECTORY                  RECORD NUMBER   17293
```

179. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT= 53 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT= 53
          SECTION 12/ 53 NOT IN DIRECTORY                  RECORD NUMBER   17297
```

180. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT= 54 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT= 54
          SECTION 12/ 54 NOT IN DIRECTORY                  RECORD NUMBER   17301
```

181. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT= 55 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT= 55
          SECTION 12/ 55 NOT IN DIRECTORY                  RECORD NUMBER   17305
```

182. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT= 56 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT= 56
          SECTION 12/ 56 NOT IN DIRECTORY                  RECORD NUMBER   17309
```

183. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT= 57 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=12, MT= 57
         SECTION 12/ 57 NOT IN DIRECTORY                 RECORD NUMBER   17313
```

184. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT= 58 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=12, MT= 58
         SECTION 12/ 58 NOT IN DIRECTORY                 RECORD NUMBER   17317
```

185. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT= 59 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=12, MT= 59
         SECTION 12/ 59 NOT IN DIRECTORY                 RECORD NUMBER   17321
```

186. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT= 60 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=12, MT= 60
         SECTION 12/ 60 NOT IN DIRECTORY                 RECORD NUMBER   17325
```

187. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT= 61 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=12, MT= 61
         SECTION 12/ 61 NOT IN DIRECTORY                 RECORD NUMBER   17329
```

188. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT= 62 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=12, MT= 62
         SECTION 12/ 62 NOT IN DIRECTORY                 RECORD NUMBER   17333
```

189. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT= 63 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=12, MT= 63
         SECTION 12/ 63 NOT IN DIRECTORY                 RECORD NUMBER   17337
```

190. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=601 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=12, MT=601
         SECTION 12/601 NOT IN DIRECTORY                 RECORD NUMBER   17342
```

191. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=602 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=602
           SECTION 12/602 NOT IN DIRECTORY                    RECORD NUMBER    17346
```

192. Missing a section in directory so your directory is messed up. This error will break everything else
   *MAT=6237, MF=12, MT=603 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=603
           SECTION 12/603 NOT IN DIRECTORY                    RECORD NUMBER    17350
```

193. Missing a section in directory so your directory is messed up. This error will break everything else
   *MAT=6237, MF=12, MT=604 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=604
           SECTION 12/604 NOT IN DIRECTORY                    RECORD NUMBER    17354
```

194. Missing a section in directory so your directory is messed up. This error will break everything else
   *MAT=6237, MF=12, MT=605 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=605
           SECTION 12/605 NOT IN DIRECTORY                    RECORD NUMBER    17358
```

195. Missing a section in directory so your directory is messed up. This error will break everything else
   *MAT=6237, MF=12, MT=606 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=606
           SECTION 12/606 NOT IN DIRECTORY                    RECORD NUMBER    17362
```

196. Missing a section in directory so your directory is messed up. This error will break everything else
   *MAT=6237, MF=12, MT=607 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=607
           SECTION 12/607 NOT IN DIRECTORY                    RECORD NUMBER    17366
```

197. Missing a section in directory so your directory is messed up. This error will break everything else
   *MAT=6237, MF=12, MT=608 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=608
           SECTION 12/608 NOT IN DIRECTORY                    RECORD NUMBER    17370
```

198. Missing a section in directory so your directory is messed up. This error will break everything else
   *MAT=6237, MF=12, MT=609 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=609
           SECTION 12/609 NOT IN DIRECTORY                    RECORD NUMBER    17374
```

199. Missing a section in directory so your directory is messed up. This error will break everything else
   *MAT=6237, MF=12, MT=610 (0): Directory (b)*

```
           ERROR(S) FOUND IN MAT=6237, MF=12, MT=610
             SECTION 12/610 NOT IN DIRECTORY                RECORD NUMBER   17378
```

200. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=611 (0): Directory (b)*

```
           ERROR(S) FOUND IN MAT=6237, MF=12, MT=611
             SECTION 12/611 NOT IN DIRECTORY                RECORD NUMBER   17382
```

201. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=612 (0): Directory (b)*

```
           ERROR(S) FOUND IN MAT=6237, MF=12, MT=612
             SECTION 12/612 NOT IN DIRECTORY                RECORD NUMBER   17386
```

202. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=613 (0): Directory (b)*

```
           ERROR(S) FOUND IN MAT=6237, MF=12, MT=613
             SECTION 12/613 NOT IN DIRECTORY                RECORD NUMBER   17390
```

203. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=614 (0): Directory (b)*

```
           ERROR(S) FOUND IN MAT=6237, MF=12, MT=614
             SECTION 12/614 NOT IN DIRECTORY                RECORD NUMBER   17394
```

204. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=615 (0): Directory (b)*

```
           ERROR(S) FOUND IN MAT=6237, MF=12, MT=615
             SECTION 12/615 NOT IN DIRECTORY                RECORD NUMBER   17398
```

205. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=616 (0): Directory (b)*

```
           ERROR(S) FOUND IN MAT=6237, MF=12, MT=616
             SECTION 12/616 NOT IN DIRECTORY                RECORD NUMBER   17402
```

206. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=617 (0): Directory (b)*

```
           ERROR(S) FOUND IN MAT=6237, MF=12, MT=617
             SECTION 12/617 NOT IN DIRECTORY                RECORD NUMBER   17406
```

207. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=618 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=12, MT=618
     SECTION 12/618 NOT IN DIRECTORY                    RECORD NUMBER    17410
```

208. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=12, MT=619 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=12, MT=619
     SECTION 12/619 NOT IN DIRECTORY                    RECORD NUMBER    17414
```

209. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=12, MT=620 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=12, MT=620
     SECTION 12/620 NOT IN DIRECTORY                    RECORD NUMBER    17418
```

210. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=12, MT=621 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=12, MT=621
     SECTION 12/621 NOT IN DIRECTORY                    RECORD NUMBER    17422
```

211. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=12, MT=622 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=12, MT=622
     SECTION 12/622 NOT IN DIRECTORY                    RECORD NUMBER    17426
```

212. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=12, MT=623 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=12, MT=623
     SECTION 12/623 NOT IN DIRECTORY                    RECORD NUMBER    17430
```

213. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=12, MT=624 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=12, MT=624
     SECTION 12/624 NOT IN DIRECTORY                    RECORD NUMBER    17434
```

214. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=12, MT=625 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=12, MT=625
     SECTION 12/625 NOT IN DIRECTORY                    RECORD NUMBER    17438
```

215. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=12, MT=626 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=626
            SECTION 12/626 NOT IN DIRECTORY                    RECORD NUMBER   17442
```

216. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237, MF=12, MT=627$ (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=627
            SECTION 12/627 NOT IN DIRECTORY                    RECORD NUMBER   17446
```

217. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237, MF=12, MT=628$ (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=628
            SECTION 12/628 NOT IN DIRECTORY                    RECORD NUMBER   17450
```

218. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237, MF=12, MT=629$ (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=629
            SECTION 12/629 NOT IN DIRECTORY                    RECORD NUMBER   17454
```

219. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237, MF=12, MT=630$ (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=630
            SECTION 12/630 NOT IN DIRECTORY                    RECORD NUMBER   17458
```

220. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237, MF=12, MT=631$ (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=631
            SECTION 12/631 NOT IN DIRECTORY                    RECORD NUMBER   17462
```

221. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237, MF=12, MT=632$ (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=632
            SECTION 12/632 NOT IN DIRECTORY                    RECORD NUMBER   17466
```

222. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237, MF=12, MT=633$ (0): Directory (b)

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=633
            SECTION 12/633 NOT IN DIRECTORY                    RECORD NUMBER   17470
```

223. Missing a section in directory so your directory is messed up. This error will break everything else
$MAT=6237, MF=12, MT=634$ (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6237, MF=12, MT=634
         SECTION 12/634 NOT IN DIRECTORY                    RECORD NUMBER   17474
```

224. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=801 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=12, MT=801
         SECTION 12/801 NOT IN DIRECTORY                    RECORD NUMBER   17478
```

225. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=802 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=12, MT=802
         SECTION 12/802 NOT IN DIRECTORY                    RECORD NUMBER   17482
```

226. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=803 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=12, MT=803
         SECTION 12/803 NOT IN DIRECTORY                    RECORD NUMBER   17486
```

227. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=804 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=12, MT=804
         SECTION 12/804 NOT IN DIRECTORY                    RECORD NUMBER   17490
```

228. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=805 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=12, MT=805
         SECTION 12/805 NOT IN DIRECTORY                    RECORD NUMBER   17494
```

229. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=806 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=12, MT=806
         SECTION 12/806 NOT IN DIRECTORY                    RECORD NUMBER   17498
```

230. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=807 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=12, MT=807
         SECTION 12/807 NOT IN DIRECTORY                    RECORD NUMBER   17502
```

231. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=808 (0): Directory (b)*

29

```
ERROR(S) FOUND IN MAT=6237, MF=12, MT=808
     SECTION 12/808 NOT IN DIRECTORY                RECORD NUMBER   17506
```

232. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=809 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=12, MT=809
     SECTION 12/809 NOT IN DIRECTORY                RECORD NUMBER   17510
```

233. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=810 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=12, MT=810
     SECTION 12/810 NOT IN DIRECTORY                RECORD NUMBER   17514
```

234. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=811 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=12, MT=811
     SECTION 12/811 NOT IN DIRECTORY                RECORD NUMBER   17519
```

235. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=812 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=12, MT=812
     SECTION 12/812 NOT IN DIRECTORY                RECORD NUMBER   17523
```

236. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=813 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=12, MT=813
     SECTION 12/813 NOT IN DIRECTORY                RECORD NUMBER   17527
```

237. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=814 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=12, MT=814
     SECTION 12/814 NOT IN DIRECTORY                RECORD NUMBER   17531
```

238. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=815 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=12, MT=815
     SECTION 12/815 NOT IN DIRECTORY                RECORD NUMBER   17535
```

239. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=816 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=816
            SECTION 12/816 NOT IN DIRECTORY                RECORD NUMBER    17539
```

240. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=12, MT=817 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=817
            SECTION 12/817 NOT IN DIRECTORY                RECORD NUMBER    17543
```

241. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=12, MT=818 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=818
            SECTION 12/818 NOT IN DIRECTORY                RECORD NUMBER    17547
```

242. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=12, MT=819 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=819
            SECTION 12/819 NOT IN DIRECTORY                RECORD NUMBER    17551
```

243. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=12, MT=820 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=820
            SECTION 12/820 NOT IN DIRECTORY                RECORD NUMBER    17555
```

244. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=12, MT=821 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=821
            SECTION 12/821 NOT IN DIRECTORY                RECORD NUMBER    17559
```

245. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=12, MT=822 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=822
            SECTION 12/822 NOT IN DIRECTORY                RECORD NUMBER    17563
```

246. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=12, MT=823 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=823
            SECTION 12/823 NOT IN DIRECTORY                RECORD NUMBER    17567
```

247. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=12, MT=824 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=824
            SECTION 12/824 NOT IN DIRECTORY                RECORD NUMBER   17571
```

248. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=12, MT=825 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=12, MT=825
            SECTION 12/825 NOT IN DIRECTORY                RECORD NUMBER   17577
```

249. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT= 51 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT= 51
            SECTION 14/ 51 NOT IN DIRECTORY                RECORD NUMBER   17582
```

250. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT= 52 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT= 52
            SECTION 14/ 52 NOT IN DIRECTORY                RECORD NUMBER   17584
```

251. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT= 53 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT= 53
            SECTION 14/ 53 NOT IN DIRECTORY                RECORD NUMBER   17586
```

252. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT= 54 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT= 54
            SECTION 14/ 54 NOT IN DIRECTORY                RECORD NUMBER   17588
```

253. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT= 55 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT= 55
            SECTION 14/ 55 NOT IN DIRECTORY                RECORD NUMBER   17590
```

254. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT= 56 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT= 56
            SECTION 14/ 56 NOT IN DIRECTORY                RECORD NUMBER   17592
```

255. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT= 57 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT= 57
        SECTION 14/ 57 NOT IN DIRECTORY                 RECORD NUMBER   17594
```

256. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6237, MF=14, MT= 58 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT= 58
        SECTION 14/ 58 NOT IN DIRECTORY                 RECORD NUMBER   17596
```

257. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6237, MF=14, MT= 59 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT= 59
        SECTION 14/ 59 NOT IN DIRECTORY                 RECORD NUMBER   17598
```

258. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6237, MF=14, MT= 60 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT= 60
        SECTION 14/ 60 NOT IN DIRECTORY                 RECORD NUMBER   17600
```

259. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6237, MF=14, MT= 61 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT= 61
        SECTION 14/ 61 NOT IN DIRECTORY                 RECORD NUMBER   17602
```

260. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6237, MF=14, MT= 62 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT= 62
        SECTION 14/ 62 NOT IN DIRECTORY                 RECORD NUMBER   17604
```

261. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6237, MF=14, MT= 63 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT= 63
        SECTION 14/ 63 NOT IN DIRECTORY                 RECORD NUMBER   17606
```

262. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6237, MF=14, MT=601 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=601
        SECTION 14/601 NOT IN DIRECTORY                 RECORD NUMBER   17608
```

263. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=6237, MF=14, MT=602 (0): Directory (b)

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=602
          SECTION 14/602 NOT IN DIRECTORY                RECORD NUMBER   17610
```

264. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=603 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=603
          SECTION 14/603 NOT IN DIRECTORY                RECORD NUMBER   17612
```

265. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=604 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=604
          SECTION 14/604 NOT IN DIRECTORY                RECORD NUMBER   17614
```

266. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=605 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=605
          SECTION 14/605 NOT IN DIRECTORY                RECORD NUMBER   17616
```

267. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=606 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=606
          SECTION 14/606 NOT IN DIRECTORY                RECORD NUMBER   17618
```

268. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=607 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=607
          SECTION 14/607 NOT IN DIRECTORY                RECORD NUMBER   17620
```

269. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=608 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=608
          SECTION 14/608 NOT IN DIRECTORY                RECORD NUMBER   17622
```

270. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=609 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=609
          SECTION 14/609 NOT IN DIRECTORY                RECORD NUMBER   17624
```

271. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=610 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=610
         SECTION 14/610 NOT IN DIRECTORY              RECORD NUMBER   17626
```

272. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=611 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=611
         SECTION 14/611 NOT IN DIRECTORY              RECORD NUMBER   17628
```

273. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=612 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=612
         SECTION 14/612 NOT IN DIRECTORY              RECORD NUMBER   17630
```

274. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=613 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=613
         SECTION 14/613 NOT IN DIRECTORY              RECORD NUMBER   17632
```

275. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=614 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=614
         SECTION 14/614 NOT IN DIRECTORY              RECORD NUMBER   17634
```

276. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=615 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=615
         SECTION 14/615 NOT IN DIRECTORY              RECORD NUMBER   17636
```

277. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=616 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=616
         SECTION 14/616 NOT IN DIRECTORY              RECORD NUMBER   17638
```

278. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=617 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=617
         SECTION 14/617 NOT IN DIRECTORY              RECORD NUMBER   17640
```

279. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=618 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=618
         SECTION 14/618 NOT IN DIRECTORY                RECORD NUMBER   17642
```

280. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=619 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=619
         SECTION 14/619 NOT IN DIRECTORY                RECORD NUMBER   17644
```

281. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=620 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=620
         SECTION 14/620 NOT IN DIRECTORY                RECORD NUMBER   17646
```

282. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=621 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=621
         SECTION 14/621 NOT IN DIRECTORY                RECORD NUMBER   17648
```

283. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=622 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=622
         SECTION 14/622 NOT IN DIRECTORY                RECORD NUMBER   17650
```

284. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=623 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=623
         SECTION 14/623 NOT IN DIRECTORY                RECORD NUMBER   17652
```

285. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=624 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=624
         SECTION 14/624 NOT IN DIRECTORY                RECORD NUMBER   17654
```

286. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=625 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=625
         SECTION 14/625 NOT IN DIRECTORY                RECORD NUMBER   17656
```

287. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=626 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT=626
           SECTION 14/626 NOT IN DIRECTORY                   RECORD NUMBER   17658
```

288. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=627 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT=627
           SECTION 14/627 NOT IN DIRECTORY                   RECORD NUMBER   17660
```

289. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=628 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT=628
           SECTION 14/628 NOT IN DIRECTORY                   RECORD NUMBER   17662
```

290. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=629 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT=629
           SECTION 14/629 NOT IN DIRECTORY                   RECORD NUMBER   17664
```

291. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=630 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT=630
           SECTION 14/630 NOT IN DIRECTORY                   RECORD NUMBER   17666
```

292. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=631 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT=631
           SECTION 14/631 NOT IN DIRECTORY                   RECORD NUMBER   17668
```

293. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=632 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT=632
           SECTION 14/632 NOT IN DIRECTORY                   RECORD NUMBER   17670
```

294. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=633 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT=633
           SECTION 14/633 NOT IN DIRECTORY                   RECORD NUMBER   17672
```

295. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=634 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=634
          SECTION 14/634 NOT IN DIRECTORY                 RECORD NUMBER   17674
```

296. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=801 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=801
          SECTION 14/801 NOT IN DIRECTORY                 RECORD NUMBER   17676
```

297. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=802 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=802
          SECTION 14/802 NOT IN DIRECTORY                 RECORD NUMBER   17678
```

298. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=803 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=803
          SECTION 14/803 NOT IN DIRECTORY                 RECORD NUMBER   17680
```

299. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=804 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=804
          SECTION 14/804 NOT IN DIRECTORY                 RECORD NUMBER   17682
```

300. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=805 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=805
          SECTION 14/805 NOT IN DIRECTORY                 RECORD NUMBER   17684
```

301. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=806 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=806
          SECTION 14/806 NOT IN DIRECTORY                 RECORD NUMBER   17686
```

302. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=807 (0): Directory (b)*

```
      ERROR(S) FOUND IN MAT=6237, MF=14, MT=807
          SECTION 14/807 NOT IN DIRECTORY                 RECORD NUMBER   17688
```

303. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=808 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=14, MT=808
    SECTION 14/808 NOT IN DIRECTORY              RECORD NUMBER   17690
```

304. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=14, MT=809 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=14, MT=809
    SECTION 14/809 NOT IN DIRECTORY              RECORD NUMBER   17692
```

305. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=14, MT=810 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=14, MT=810
    SECTION 14/810 NOT IN DIRECTORY              RECORD NUMBER   17694
```

306. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=14, MT=811 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=14, MT=811
    SECTION 14/811 NOT IN DIRECTORY              RECORD NUMBER   17696
```

307. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=14, MT=812 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=14, MT=812
    SECTION 14/812 NOT IN DIRECTORY              RECORD NUMBER   17698
```

308. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=14, MT=813 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=14, MT=813
    SECTION 14/813 NOT IN DIRECTORY              RECORD NUMBER   17700
```

309. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=14, MT=814 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=14, MT=814
    SECTION 14/814 NOT IN DIRECTORY              RECORD NUMBER   17702
```

310. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=14, MT=815 (0): Directory (b)*

```
ERROR(S) FOUND IN MAT=6237, MF=14, MT=815
    SECTION 14/815 NOT IN DIRECTORY              RECORD NUMBER   17704
```

311. Missing a section in directory so your directory is messed up. This error will break everything else
    *MAT=6237, MF=14, MT=816 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT=816
           SECTION 14/816 NOT IN DIRECTORY                RECORD NUMBER   17706
```

312. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=817 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT=817
           SECTION 14/817 NOT IN DIRECTORY                RECORD NUMBER   17708
```

313. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=818 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT=818
           SECTION 14/818 NOT IN DIRECTORY                RECORD NUMBER   17710
```

314. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=819 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT=819
           SECTION 14/819 NOT IN DIRECTORY                RECORD NUMBER   17712
```

315. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=820 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT=820
           SECTION 14/820 NOT IN DIRECTORY                RECORD NUMBER   17714
```

316. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=821 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT=821
           SECTION 14/821 NOT IN DIRECTORY                RECORD NUMBER   17716
```

317. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=822 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT=822
           SECTION 14/822 NOT IN DIRECTORY                RECORD NUMBER   17718
```

318. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=823 (0): Directory (b)*

```
        ERROR(S) FOUND IN MAT=6237, MF=14, MT=823
           SECTION 14/823 NOT IN DIRECTORY                RECORD NUMBER   17720
```

319. Missing a section in directory so your directory is messed up. This error will break everything else
     *MAT=6237, MF=14, MT=824 (0): Directory (b)*

```
    ERROR(S) FOUND IN MAT=6237, MF=14, MT=824
        SECTION 14/824 NOT IN DIRECTORY                RECORD NUMBER   17722
```

320. Missing a section in directory so your directory is messed up. This error will break everything else
*MAT=6237, MF=14, MT=825 (0): Directory (b)*

```
    ERROR(S) FOUND IN MAT=6237, MF=14, MT=825
        SECTION 14/825 NOT IN DIRECTORY                RECORD NUMBER   17724
```

- psyche   Warnings:

  1. Strength function in URR not in agreement with PSYCHE's expectations
     *FILE 2 / SECTION 151 / ENERGY = 9.14000E+02. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.00000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

     ```
     FILE  2
        SECTION 151
             ENERGY =  9.14000E+02. STRENGTH FUNCTION IS  1.90000E-04
                          AVERAGE GAMMA WIDTH 3.00000E-02
                                           LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
     ... [43 more lines]
     ```

  2. Strength function in URR not in agreement with PSYCHE's expectations
     *FILE 2 / SECTION 151 / ENERGY = 9.14000E+02. STRENGTH FUNCTION IS 1.90000E-04 / STRENGTH FUNCTION 1.90000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

     ```
     FILE  2
        SECTION 151
             ENERGY =  9.14000E+02. STRENGTH FUNCTION IS  1.90000E-04
                          STRENGTH FUNCTION 1.90000E-04
                                           LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
     ... [53 more lines]
     ```

  3. Strength function in URR not in agreement with PSYCHE's expectations
     *FILE 2 / SECTION 151 / ENERGY = 9.14000E+02. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.20000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

     ```
     FILE  2
        SECTION 151
             ENERGY =  9.14000E+02. STRENGTH FUNCTION IS  1.90000E-04
                          AVERAGE GAMMA WIDTH 3.20000E-02
                                           LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
     ... [1 more lines]
     ```

  4. Strength function in URR not in agreement with PSYCHE's expectations
     *FILE 2 / SECTION 151 / ENERGY = 9.14000E+02. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.30000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

     ```
     FILE  2
        SECTION 151
             ENERGY =  9.14000E+02. STRENGTH FUNCTION IS  1.90000E-04
     ```

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```
                               AVERAGE GAMMA WIDTH 3.30000E-02
                                              LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
       ... [1 more lines]
```

5. Strength function in URR not in agreement with PSYCHE's expectations
   *FILE 2 / SECTION 151 / ENERGY = 9.14000E+02. STRENGTH FUNCTION IS
   1.90000E-04 / AVERAGE GAMMA WIDTH 3.40000E-02 / LIES OUTSIDE LIMITS
   4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
       FILE  2
          SECTION 151
             ENERGY =  9.14000E+02. STRENGTH FUNCTION IS  1.90000E-04
                               AVERAGE GAMMA WIDTH 3.40000E-02
                                              LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

6. Strength function in URR not in agreement with PSYCHE's expectations
   *FILE 2 / SECTION 151 / ENERGY = 9.14000E+02. STRENGTH FUNCTION IS
   1.90000E-04 / AVERAGE GAMMA WIDTH 3.50000E-02 / LIES OUTSIDE LIMITS
   4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
       FILE  2
          SECTION 151
             ENERGY =  9.14000E+02. STRENGTH FUNCTION IS  1.90000E-04
                               AVERAGE GAMMA WIDTH 3.50000E-02
                                              LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

7. Strength function in URR not in agreement with PSYCHE's expectations
   *FILE 2 / SECTION 151 / ENERGY = 9.14000E+02. STRENGTH FUNCTION IS
   1.90000E-04 / AVERAGE GAMMA WIDTH 3.60000E-02 / LIES OUTSIDE LIMITS
   4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
       FILE  2
          SECTION 151
             ENERGY =  9.14000E+02. STRENGTH FUNCTION IS  1.90000E-04
                               AVERAGE GAMMA WIDTH 3.60000E-02
                                              LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

8. Strength function in URR not in agreement with PSYCHE's expectations
   *FILE 2 / SECTION 151 / ENERGY = 9.14000E+02. STRENGTH FUNCTION IS
   1.90000E-04 / AVERAGE GAMMA WIDTH 3.70000E-02 / LIES OUTSIDE LIMITS
   4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
       FILE  2
          SECTION 151
             ENERGY =  9.14000E+02. STRENGTH FUNCTION IS  1.90000E-04
                               AVERAGE GAMMA WIDTH 3.70000E-02
                                              LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

9. Strength function in URR not in agreement with PSYCHE's expectations
   *FILE 2 / SECTION 151 / ENERGY = 9.14000E+02. STRENGTH FUNCTION IS
   1.90000E-04 / AVERAGE GAMMA WIDTH 3.80000E-02 / LIES OUTSIDE LIMITS
   4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
       FILE  2
          SECTION 151
             ENERGY =  9.14000E+02. STRENGTH FUNCTION IS  1.90000E-04
```

```
                            AVERAGE GAMMA WIDTH 3.80000E-02
                                             LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

10. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 9.14000E+02. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.90000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
      FILE  2
         SECTION 151
              ENERGY =  9.14000E+02. STRENGTH FUNCTION IS  1.90000E-04
                            AVERAGE GAMMA WIDTH 3.90000E-02
                                             LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

11. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 9.14000E+02. STRENGTH FUNCTION IS 1.90000E-04 / ENERGY = 9.14000E+02. STRENGTH FUNCTION IS 1.90000E-04 / DENSITY 4.80382E+01 SHOULD BE 4.13379E+01 (0): URR dens. (a)*

```
      FILE  2
         SECTION 151
              ENERGY =  9.14000E+02. STRENGTH FUNCTION IS  1.90000E-04
                     ENERGY =  9.14000E+02. STRENGTH FUNCTION IS  1.90000E-04
                            DENSITY  4.80382E+01 SHOULD BE  4.13379E+01
```

12. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / DENSITY 4.80313E+01 SHOULD BE 4.13320E+01 (0): URR dens. (a)*

```
      FILE  2
         SECTION 151
              ENERGY =  1.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                            DENSITY  4.80313E+01 SHOULD BE  4.13320E+01
```

13. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.00000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
      FILE  2
         SECTION 151
              ENERGY =  1.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                            AVERAGE GAMMA WIDTH 3.00000E-02
                                             LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

14. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / STRENGTH FUNCTION 1.90000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
      FILE  2
         SECTION 151
              ENERGY =  1.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                            STRENGTH FUNCTION 1.90000E-04
                                             LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

15. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / DENSITY 4.79919E+01 SHOULD BE 4.12980E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  1.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                        DENSITY  4.79919E+01 SHOULD BE  4.12980E+01
```

16. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.00000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  1.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                        AVERAGE GAMMA WIDTH 3.00000E-02
                                          LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

17. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / STRENGTH FUNCTION 1.90000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  1.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                        STRENGTH FUNCTION 1.90000E-04
                                          LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

18. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / DENSITY 4.79525E+01 SHOULD BE 4.12642E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  2.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                        DENSITY  4.79525E+01 SHOULD BE  4.12642E+01
```

19. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.00000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  2.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                        AVERAGE GAMMA WIDTH 3.00000E-02
                                          LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

20. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / STRENGTH FUNCTION 1.90000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  2.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                          STRENGTH FUNCTION 1.90000E-04
                                              LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

21. Level density in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / DENSITY 4.79130E+01 SHOULD BE 4.12302E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  2.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                          DENSITY  4.79130E+01 SHOULD BE  4.12302E+01
```

22. Strength function in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.00000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  2.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                          AVERAGE GAMMA WIDTH 3.00000E-02
                                              LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

23. Strength function in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / STRENGTH FUNCTION 1.90000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  2.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                          STRENGTH FUNCTION 1.90000E-04
                                              LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

24. Level density in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / DENSITY 4.78737E+01 SHOULD BE 4.11964E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  3.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                          DENSITY  4.78737E+01 SHOULD BE  4.11964E+01
```

25. Strength function in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.00000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  3.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                          AVERAGE GAMMA WIDTH 3.00000E-02
                                              LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

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26. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / STRENGTH FUNCTION 1.90000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
FILE  2
    SECTION 151
            ENERGY =  3.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                            STRENGTH FUNCTION 1.90000E-04
                                            LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

27. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / DENSITY 4.78344E+01 SHOULD BE 4.11626E+01 (0): URR dens. (a)*

```
FILE  2
    SECTION 151
            ENERGY =  3.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                            DENSITY  4.78344E+01 SHOULD BE  4.11626E+01
```

28. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.00000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
    SECTION 151
            ENERGY =  3.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                            AVERAGE GAMMA WIDTH 3.00000E-02
                                            LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

29. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / STRENGTH FUNCTION 1.90000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
FILE  2
    SECTION 151
            ENERGY =  3.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                            STRENGTH FUNCTION 1.90000E-04
                                            LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

30. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / DENSITY 4.77951E+01 SHOULD BE 4.11287E+01 (0): URR dens. (a)*

```
FILE  2
    SECTION 151
            ENERGY =  4.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                            DENSITY  4.77951E+01 SHOULD BE  4.11287E+01
```

31. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.00000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
          ENERGY =  4.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                        AVERAGE GAMMA WIDTH 3.00000E-02
                                    LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

32. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / STRENGTH FUNCTION 1.90000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
FILE  2
   SECTION 151
          ENERGY =  4.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                        STRENGTH FUNCTION 1.90000E-04
                                    LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

33. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / DENSITY 4.77558E+01 SHOULD BE 4.10949E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
          ENERGY =  4.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                        DENSITY  4.77558E+01 SHOULD BE  4.10949E+01
```

34. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.00000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
          ENERGY =  4.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                        AVERAGE GAMMA WIDTH 3.00000E-02
                                    LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

35. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / STRENGTH FUNCTION 1.90000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
FILE  2
   SECTION 151
          ENERGY =  4.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                        STRENGTH FUNCTION 1.90000E-04
                                    LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

36. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / DENSITY 4.77166E+01 SHOULD BE 4.10612E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
          ENERGY =  5.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                        DENSITY  4.77166E+01 SHOULD BE  4.10612E+01
```

37. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.00000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  5.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                           AVERAGE GAMMA WIDTH 3.00000E-02
                                        LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

38. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / STRENGTH FUNCTION 1.90000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  5.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                           STRENGTH FUNCTION 1.90000E-04
                                        LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

39. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / DENSITY 4.76775E+01 SHOULD BE 4.10275E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  5.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                           DENSITY  4.76775E+01 SHOULD BE  4.10275E+01
```

40. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.00000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  5.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                           AVERAGE GAMMA WIDTH 3.00000E-02
                                        LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

41. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / STRENGTH FUNCTION 1.90000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  5.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                           STRENGTH FUNCTION 1.90000E-04
                                        LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

42. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / DENSITY 4.76383E+01 SHOULD BE 4.09938E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  6.00000E+03. STRENGTH FUNCTION IS   1.90000E-04
                            DENSITY   4.76383E+01 SHOULD BE   4.09938E+01
```

43. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS
1.90000E-04 / AVERAGE GAMMA WIDTH 3.00000E-02 / LIES OUTSIDE LIMITS
4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  6.00000E+03. STRENGTH FUNCTION IS   1.90000E-04
                            AVERAGE GAMMA WIDTH 3.00000E-02
                                        LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

44. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION
IS 1.90000E-04 / STRENGTH FUNCTION 1.90000E-04 / LIES OUTSIDE LIMITS
1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  6.00000E+03. STRENGTH FUNCTION IS   1.90000E-04
                            STRENGTH FUNCTION 1.90000E-04
                                        LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

45. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 6.50000E+03. STRENGTH FUNCTION IS
1.90000E-04 / DENSITY 4.75992E+01 SHOULD BE 4.09601E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  6.50000E+03. STRENGTH FUNCTION IS   1.90000E-04
                            DENSITY   4.75992E+01 SHOULD BE   4.09601E+01
```

46. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 6.50000E+03. STRENGTH FUNCTION IS
1.90000E-04 / AVERAGE GAMMA WIDTH 3.00000E-02 / LIES OUTSIDE LIMITS
4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  6.50000E+03. STRENGTH FUNCTION IS   1.90000E-04
                            AVERAGE GAMMA WIDTH 3.00000E-02
                                        LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

47. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 6.50000E+03. STRENGTH FUNCTION
IS 1.90000E-04 / STRENGTH FUNCTION 1.90000E-04 / LIES OUTSIDE LIMITS
1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  6.50000E+03. STRENGTH FUNCTION IS   1.90000E-04
                            STRENGTH FUNCTION 1.90000E-04
                                        LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

48. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / DENSITY 4.75600E+01 SHOULD BE 4.09265E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
            ENERGY =  7.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                          DENSITY  4.75600E+01 SHOULD BE  4.09265E+01
```

49. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.00000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
            ENERGY =  7.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                          AVERAGE GAMMA WIDTH 3.00000E-02
                                        LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

50. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / STRENGTH FUNCTION 1.90000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
FILE  2
   SECTION 151
            ENERGY =  7.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                          STRENGTH FUNCTION 1.90000E-04
                                        LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

51. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 7.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / DENSITY 4.75210E+01 SHOULD BE 4.08929E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
            ENERGY =  7.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                          DENSITY  4.75210E+01 SHOULD BE  4.08929E+01
```

52. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 7.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.00000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
            ENERGY =  7.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                          AVERAGE GAMMA WIDTH 3.00000E-02
                                        LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

53. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 7.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / STRENGTH FUNCTION 1.90000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  7.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                          STRENGTH FUNCTION 1.90000E-04
                                       LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

54. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / DENSITY 4.74821E+01 SHOULD BE 4.08594E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  8.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                          DENSITY  4.74821E+01 SHOULD BE  4.08594E+01
```

55. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.00000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  8.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                          AVERAGE GAMMA WIDTH 3.00000E-02
                                       LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

56. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / STRENGTH FUNCTION 1.90000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  8.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                          STRENGTH FUNCTION 1.90000E-04
                                       LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

57. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 8.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / DENSITY 4.74431E+01 SHOULD BE 4.08258E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
           ENERGY =  8.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                          DENSITY  4.74431E+01 SHOULD BE  4.08258E+01
```

58. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 8.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.00000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  8.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                          AVERAGE GAMMA WIDTH 3.00000E-02
                                       LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

59. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 8.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / STRENGTH FUNCTION 1.90000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
FILE  2
   SECTION 151
            ENERGY =  8.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                           STRENGTH FUNCTION 1.90000E-04
                                            LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

60. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / DENSITY 4.74041E+01 SHOULD BE 4.07922E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
            ENERGY =  9.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                           DENSITY  4.74041E+01 SHOULD BE  4.07922E+01
```

61. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.00000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
            ENERGY =  9.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                           AVERAGE GAMMA WIDTH 3.00000E-02
                                            LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

62. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 1.90000E-04 / STRENGTH FUNCTION 1.90000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
FILE  2
   SECTION 151
            ENERGY =  9.00000E+03. STRENGTH FUNCTION IS  1.90000E-04
                           STRENGTH FUNCTION 1.90000E-04
                                            LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

63. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 9.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / DENSITY 4.73651E+01 SHOULD BE 4.07587E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
            ENERGY =  9.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                           DENSITY  4.73651E+01 SHOULD BE  4.07587E+01
```

64. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 9.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.00000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
          ENERGY =  9.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                          AVERAGE GAMMA WIDTH 3.00000E-02
                                      LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

65. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 9.50000E+03. STRENGTH FUNCTION IS 1.90000E-04 / STRENGTH FUNCTION 1.90000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
FILE  2
   SECTION 151
          ENERGY =  9.50000E+03. STRENGTH FUNCTION IS  1.90000E-04
                          STRENGTH FUNCTION 1.90000E-04
                                      LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
```

66. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.90000E-04 / DENSITY 4.73263E+01 SHOULD BE 4.07253E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
          ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  1.90000E-04
                          DENSITY  4.73263E+01 SHOULD BE  4.07253E+01
```

67. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.00000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
          ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  1.90000E-04
                          AVERAGE GAMMA WIDTH 3.00000E-02
                                      LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
... [23 more lines]
```

68. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.90000E-04 / STRENGTH FUNCTION 1.90000E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04 (0): URR str. ftn.*

```
FILE  2
   SECTION 151
          ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  1.90000E-04
                          STRENGTH FUNCTION 1.90000E-04
                                      LIES OUTSIDE LIMITS 1.00000E-05 TO 1.50000E-04
... [33 more lines]
```

69. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.20000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  1.90000E-04
                       AVERAGE GAMMA WIDTH 3.20000E-02
                                      LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
... [1 more lines]
```

70. Strength function in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS
    1.90000E-04 / AVERAGE GAMMA WIDTH 3.30000E-02 / LIES OUTSIDE LIMITS
    4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  1.90000E-04
                       AVERAGE GAMMA WIDTH 3.30000E-02
                                      LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
... [1 more lines]
```

71. Strength function in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS
    1.90000E-04 / AVERAGE GAMMA WIDTH 3.40000E-02 / LIES OUTSIDE LIMITS
    4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  1.90000E-04
                       AVERAGE GAMMA WIDTH 3.40000E-02
                                      LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

72. Strength function in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS
    1.90000E-04 / AVERAGE GAMMA WIDTH 3.50000E-02 / LIES OUTSIDE LIMITS
    4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  1.90000E-04
                       AVERAGE GAMMA WIDTH 3.50000E-02
                                      LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

73. Strength function in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS
    1.90000E-04 / AVERAGE GAMMA WIDTH 3.60000E-02 / LIES OUTSIDE LIMITS
    4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE  2
   SECTION 151
           ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  1.90000E-04
                       AVERAGE GAMMA WIDTH 3.60000E-02
                                      LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

74. Strength function in URR not in agreement with PSYCHE's expectations
    *FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS
    1.90000E-04 / AVERAGE GAMMA WIDTH 3.70000E-02 / LIES OUTSIDE LIMITS
    4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE   2
   SECTION 151
            ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  1.90000E-04
                         AVERAGE GAMMA WIDTH 3.70000E-02
                                        LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

75. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.80000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE   2
   SECTION 151
            ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  1.90000E-04
                         AVERAGE GAMMA WIDTH 3.80000E-02
                                        LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

76. Strength function in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.90000E-04 / AVERAGE GAMMA WIDTH 3.90000E-02 / LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV. (0): URR str. ftn.*

```
FILE   2
   SECTION 151
            ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  1.90000E-04
                         AVERAGE GAMMA WIDTH 3.90000E-02
                                        LIES OUTSIDE LIMITS 4.00000E-02 TO 9.00000E+00 EV.
```

77. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / TOTAL OF 53 POINTS IN ERROR FOR THIS J-STATE (0): URR dens. (b)*

```
FILE   2
   SECTION 151
            TOTAL OF    53 POINTS IN ERROR FOR THIS J-STATE
            TOTAL OF    53 POINTS IN ERROR FOR THIS J-STATE
```

78. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 9.14000E+02. STRENGTH FUNCTION IS 3.50000E-04 / ENERGY = 9.14000E+02. STRENGTH FUNCTION IS 3.50000E-04 / DENSITY 4.11363E+01 SHOULD BE 3.20254E+01 (0): URR dens. (a)*

```
FILE   2
   SECTION 151
        ENERGY =  9.14000E+02. STRENGTH FUNCTION IS  3.50000E-04
                  ENERGY =  9.14000E+02. STRENGTH FUNCTION IS  3.50000E-04
                            DENSITY  4.11363E+01 SHOULD BE  3.20254E+01
```

79. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+03. STRENGTH FUNCTION IS 3.50000E-04 / DENSITY 4.11305E+01 SHOULD BE 3.20209E+01 (0): URR dens. (a)*

```
FILE   2
   SECTION 151
            ENERGY =  1.00000E+03. STRENGTH FUNCTION IS  3.50000E-04
                            DENSITY  4.11305E+01 SHOULD BE  3.20209E+01
```

80. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.50000E+03. STRENGTH FUNCTION IS 3.50000E-04 / DENSITY 4.10967E+01 SHOULD BE 3.19946E+01 (0): URR dens. (a)*

```
FILE  2
    SECTION 151
           ENERGY =  1.50000E+03. STRENGTH FUNCTION IS  3.50000E-04
                         DENSITY  4.10967E+01 SHOULD BE  3.19946E+01
```

81. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 2.00000E+03. STRENGTH FUNCTION IS 3.50000E-04 / DENSITY 4.10630E+01 SHOULD BE 3.19683E+01 (0): URR dens. (a)*

```
FILE  2
    SECTION 151
           ENERGY =  2.00000E+03. STRENGTH FUNCTION IS  3.50000E-04
                         DENSITY  4.10630E+01 SHOULD BE  3.19683E+01
```

82. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 2.50000E+03. STRENGTH FUNCTION IS 3.50000E-04 / DENSITY 4.10292E+01 SHOULD BE 3.19420E+01 (0): URR dens. (a)*

```
FILE  2
    SECTION 151
           ENERGY =  2.50000E+03. STRENGTH FUNCTION IS  3.50000E-04
                         DENSITY  4.10292E+01 SHOULD BE  3.19420E+01
```

83. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 3.00000E+03. STRENGTH FUNCTION IS 3.50000E-04 / DENSITY 4.09955E+01 SHOULD BE 3.19158E+01 (0): URR dens. (a)*

```
FILE  2
    SECTION 151
           ENERGY =  3.00000E+03. STRENGTH FUNCTION IS  3.50000E-04
                         DENSITY  4.09955E+01 SHOULD BE  3.19158E+01
```

84. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 3.50000E+03. STRENGTH FUNCTION IS 3.50000E-04 / DENSITY 4.09618E+01 SHOULD BE 3.18896E+01 (0): URR dens. (a)*

```
FILE  2
    SECTION 151
           ENERGY =  3.50000E+03. STRENGTH FUNCTION IS  3.50000E-04
                         DENSITY  4.09618E+01 SHOULD BE  3.18896E+01
```

85. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 4.00000E+03. STRENGTH FUNCTION IS 3.50000E-04 / DENSITY 4.09282E+01 SHOULD BE 3.18634E+01 (0): URR dens. (a)*

```
FILE  2
    SECTION 151
           ENERGY =  4.00000E+03. STRENGTH FUNCTION IS  3.50000E-04
                         DENSITY  4.09282E+01 SHOULD BE  3.18634E+01
```

86. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 4.50000E+03. STRENGTH FUNCTION IS 3.50000E-04 / DENSITY 4.08946E+01 SHOULD BE 3.18372E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
         ENERGY =  4.50000E+03. STRENGTH FUNCTION IS  3.50000E-04
                        DENSITY  4.08946E+01 SHOULD BE  3.18372E+01
```

87. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 5.00000E+03. STRENGTH FUNCTION IS 3.50000E-04 / DENSITY 4.08610E+01 SHOULD BE 3.18111E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
         ENERGY =  5.00000E+03. STRENGTH FUNCTION IS  3.50000E-04
                        DENSITY  4.08610E+01 SHOULD BE  3.18111E+01
```

88. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 3.50000E-04 / DENSITY 4.08274E+01 SHOULD BE 3.17850E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
         ENERGY =  5.50000E+03. STRENGTH FUNCTION IS  3.50000E-04
                        DENSITY  4.08274E+01 SHOULD BE  3.17850E+01
```

89. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 6.00000E+03. STRENGTH FUNCTION IS 3.50000E-04 / DENSITY 4.07939E+01 SHOULD BE 3.17589E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
         ENERGY =  6.00000E+03. STRENGTH FUNCTION IS  3.50000E-04
                        DENSITY  4.07939E+01 SHOULD BE  3.17589E+01
```

90. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 6.50000E+03. STRENGTH FUNCTION IS 3.50000E-04 / DENSITY 4.07604E+01 SHOULD BE 3.17328E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
         ENERGY =  6.50000E+03. STRENGTH FUNCTION IS  3.50000E-04
                        DENSITY  4.07604E+01 SHOULD BE  3.17328E+01
```

91. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 7.00000E+03. STRENGTH FUNCTION IS 3.50000E-04 / DENSITY 4.07269E+01 SHOULD BE 3.17067E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
         ENERGY =  7.00000E+03. STRENGTH FUNCTION IS  3.50000E-04
                        DENSITY  4.07269E+01 SHOULD BE  3.17067E+01
```

92. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 7.50000E+03. STRENGTH FUNCTION IS 3.50000E-04 / DENSITY 4.06935E+01 SHOULD BE 3.16807E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
         ENERGY =  7.50000E+03. STRENGTH FUNCTION IS  3.50000E-04
                       DENSITY  4.06935E+01 SHOULD BE  3.16807E+01
```

93. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 8.00000E+03. STRENGTH FUNCTION IS 3.50000E-04 / DENSITY 4.06601E+01 SHOULD BE 3.16547E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
         ENERGY =  8.00000E+03. STRENGTH FUNCTION IS  3.50000E-04
                       DENSITY  4.06601E+01 SHOULD BE  3.16547E+01
```

94. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 8.50000E+03. STRENGTH FUNCTION IS 3.50000E-04 / DENSITY 4.06267E+01 SHOULD BE 3.16287E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
         ENERGY =  8.50000E+03. STRENGTH FUNCTION IS  3.50000E-04
                       DENSITY  4.06267E+01 SHOULD BE  3.16287E+01
```

95. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 9.00000E+03. STRENGTH FUNCTION IS 3.50000E-04 / DENSITY 4.05933E+01 SHOULD BE 3.16027E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
         ENERGY =  9.00000E+03. STRENGTH FUNCTION IS  3.50000E-04
                       DENSITY  4.05933E+01 SHOULD BE  3.16027E+01
```

96. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 9.50000E+03. STRENGTH FUNCTION IS 3.50000E-04 / DENSITY 4.05600E+01 SHOULD BE 3.15767E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
         ENERGY =  9.50000E+03. STRENGTH FUNCTION IS  3.50000E-04
                       DENSITY  4.05600E+01 SHOULD BE  3.15767E+01
```

97. Level density in URR not in agreement with PSYCHE's expectations
*FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 3.50000E-04 / DENSITY 4.05267E+01 SHOULD BE 3.15509E+01 (0): URR dens. (a)*

```
FILE  2
   SECTION 151
         ENERGY =  1.00000E+04. STRENGTH FUNCTION IS  3.50000E-04
                       DENSITY  4.05267E+01 SHOULD BE  3.15509E+01
```

98. Non-threshold reaction with Q value differing from PSYCHE's expectations
*FILE 3 / SECTION 107 / THE CALCULATED Q 7.77955E+06 DISSAGREES WITH THE GIVEN Q 0.00000E+00 (0): Iffy Q*

```
FILE  3
   SECTION 107
           THE CALCULATED Q  7.77955E+06 DISSAGREES WITH THE GIVEN Q  0.00000E+00
```

- `groupie` Errors:

    1. Very small elastic cross section found
    *0: Small elastic*

    ```
    Multi-Group and Multi-Band Parameters from ENDF/B Data (GROUPIE 2015-2)
    --------------------------------------------------------------------------
    ENDF/B Input and Output Data Filenames
    ENDFB.IN
    ENDFB.OUT
    ... [97 more lines]
    ```

- `fudge-4.0` Warnings:

    1. Missing a channel with a particular angular momenta combination
    *resonances / resolved / MultiLevel_BreitWigner (Error # 0): missingResonanceChannel*

    ```
    WARNING: Missing a channel with angular momenta combination L = 0, J = 1.5 and S = 1.5 for "capture"
    ```

    2. Potential scattering hasn't converged, you need more L's!
    *resonances / resolved (Error # 1): potentialScatteringNotConverged*

    ```
    WARNING: Potential scattering hasn't converged by L=0 at E=914.0 eV, xs[0]/xs[0]=100.0% > 0.1%
    ```

- `fudge-4.0` Errors:

    1. Calculated and tabulated Q values disagree.
    *reaction label 15: n[multiplicity:'2'] + Sm147 + gamma (Error # 0): Q mismatch*

    ```
    WARNING: Calculated and tabulated Q-values disagree: -8456088.27973938 eV vs -8.142e6 eV!
    ```

    2. Calculated and tabulated Q values disagree.
    *reaction label 16: n[multiplicity:'3'] + Sm146 + gamma (Error # 0): Q mismatch*

    ```
    WARNING: Calculated and tabulated Q-values disagree: -15033045.83067322 eV vs -1.4483e7 eV!
    ```

    3. Calculated and tabulated Q values disagree.
    *reaction label 17: n + H1 + Pm147 + gamma (Error # 0): Q mismatch*

    ```
    WARNING: Calculated and tabulated Q-values disagree: -7673291.981811523 eV vs -7.584e6 eV!
    ```

    4. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
    *reaction label 17: n + H1 + Pm147 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*

```
WARNING: Extra zero-probability outgoing energies found at incident energy 1.e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.1e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.2e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.3e7 eV
        ... plus 8 more instances of this message
```

5. Calculated and tabulated Q values disagree.
   *reaction label 18: H1 + Pm148 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2035899.795318604 eV vs -1.687e6 eV!
```

6. Calculated and tabulated Q values disagree.
   *reaction label 19: H1 + Pm148_e1 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2111599.795318604 eV vs -1.7627e6 eV!
```

7. Calculated and tabulated Q values disagree.
   *reaction label 20: H1 + Pm148_e2 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2173099.795318604 eV vs -1.8242e6 eV!
```

8. Calculated and tabulated Q values disagree.
   *reaction label 21: H1 + Pm148_e3 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2173799.795318604 eV vs -1.8249e6 eV!
```

9. Calculated and tabulated Q values disagree.
   *reaction label 22: H1 + Pm148_e4 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2251299.795318604 eV vs -1.9024e6 eV!
```

10. Calculated and tabulated Q values disagree.
    *reaction label 23: H1 + Pm148_e5 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2255799.795318604 eV vs -1.9069e6 eV!
```

11. Calculated and tabulated Q values disagree.
    *reaction label 24: H1 + Pm148_e6 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2327899.795318604 eV vs -1.979e6 eV!
```

12. Calculated and tabulated Q values disagree.
    *reaction label 25: H1 + Pm148_e7 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2338199.795318604 eV vs -1.9893e6 eV!
```

13. Calculated and tabulated Q values disagree.
    *reaction label 26: H1 + Pm148_e8 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2340599.795318604 eV vs -1.9917e6 eV!
```

14. Calculated and tabulated Q values disagree.
    *reaction label 27: H1 + Pm148_e9 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2344799.795318604 eV vs -1.9959e6 eV!
```

15. Calculated and tabulated Q values disagree.
    *reaction label 28: H1 + Pm148_e10 (Error # 0): Q mismatch*

    ```
    WARNING: Calculated and tabulated Q-values disagree: -2399299.795318604 eV vs -2.0504e6 eV!
    ```

16. Calculated and tabulated Q values disagree.
    *reaction label 29: H1 + Pm148_e11 (Error # 0): Q mismatch*

    ```
    WARNING: Calculated and tabulated Q-values disagree: -2415599.795318604 eV vs -2.0667e6 eV!
    ```

17. Calculated and tabulated Q values disagree.
    *reaction label 30: H1 + Pm148_e12 (Error # 0): Q mismatch*

    ```
    WARNING: Calculated and tabulated Q-values disagree: -2421399.795318604 eV vs -2.0725e6 eV!
    ```

18. Calculated and tabulated Q values disagree.
    *reaction label 31: H1 + Pm148_e13 (Error # 0): Q mismatch*

    ```
    WARNING: Calculated and tabulated Q-values disagree: -2423999.795318604 eV vs -2.0751e6 eV!
    ```

19. Calculated and tabulated Q values disagree.
    *reaction label 32: H1 + Pm148_e14 (Error # 0): Q mismatch*

    ```
    WARNING: Calculated and tabulated Q-values disagree: -2445499.795318604 eV vs -2.0966e6 eV!
    ```

20. Calculated and tabulated Q values disagree.
    *reaction label 33: H1 + Pm148_e15 (Error # 0): Q mismatch*

    ```
    WARNING: Calculated and tabulated Q-values disagree: -2449499.795318604 eV vs -2.1006e6 eV!
    ```

21. Calculated and tabulated Q values disagree.
    *reaction label 34: H1 + Pm148_e16 (Error # 0): Q mismatch*

    ```
    WARNING: Calculated and tabulated Q-values disagree: -2475999.795318604 eV vs -2.1271e6 eV!
    ```

22. Calculated and tabulated Q values disagree.
    *reaction label 35: H1 + Pm148_e17 (Error # 0): Q mismatch*

    ```
    WARNING: Calculated and tabulated Q-values disagree: -2487899.795318604 eV vs -2.139e6 eV!
    ```

23. Calculated and tabulated Q values disagree.
    *reaction label 36: H1 + Pm148_e18 (Error # 0): Q mismatch*

    ```
    WARNING: Calculated and tabulated Q-values disagree: -2497899.795318604 eV vs -2.149e6 eV!
    ```

24. Calculated and tabulated Q values disagree.
    *reaction label 37: H1 + Pm148_e19 (Error # 0): Q mismatch*

    ```
    WARNING: Calculated and tabulated Q-values disagree: -2562399.795318604 eV vs -2.2135e6 eV!
    ```

25. Calculated and tabulated Q values disagree.
    *reaction label 38: H1 + Pm148_e20 (Error # 0): Q mismatch*

    ```
    WARNING: Calculated and tabulated Q-values disagree: -2565399.795318604 eV vs -2.2165e6 eV!
    ```

26. Calculated and tabulated Q values disagree.
*reaction label 39: H1 + Pm148_e21 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2579299.795318604 eV vs -2.2304e6 eV!
```

27. Calculated and tabulated Q values disagree.
*reaction label 40: H1 + Pm148_e22 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2581599.795318604 eV vs -2.2327e6 eV!
```

28. Calculated and tabulated Q values disagree.
*reaction label 41: H1 + Pm148_e23 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2586199.795318604 eV vs -2.2373e6 eV!
```

29. Calculated and tabulated Q values disagree.
*reaction label 42: H1 + Pm148_e24 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2597099.795318604 eV vs -2.2482e6 eV!
```

30. Calculated and tabulated Q values disagree.
*reaction label 43: H1 + Pm148_e25 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2600099.795318604 eV vs -2.2512e6 eV!
```

31. Calculated and tabulated Q values disagree.
*reaction label 44: H1 + Pm148_e26 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2608999.795318604 eV vs -2.2601e6 eV!
```

32. Calculated and tabulated Q values disagree.
*reaction label 45: H1 + Pm148_e27 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2647099.795318604 eV vs -2.2982e6 eV!
```

33. Calculated and tabulated Q values disagree.
*reaction label 46: H1 + Pm148_e28 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2658599.795318604 eV vs -2.3097e6 eV!
```

34. Calculated and tabulated Q values disagree.
*reaction label 47: H1 + Pm148_e29 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2677799.795318604 eV vs -2.3289e6 eV!
```

35. Calculated and tabulated Q values disagree.
*reaction label 48: H1 + Pm148_e30 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2691099.795318604 eV vs -2.3422e6 eV!
```

36. Calculated and tabulated Q values disagree.
*reaction label 49: H1 + Pm148_e31 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -2696199.795318604 eV vs -2.3473e6 eV!
```

37. Calculated and tabulated Q values disagree.
*reaction label 50: H1 + Pm148_e32 (Error # 0): Q mismatch*

`WARNING: Calculated and tabulated Q-values disagree: -2705399.795318604 eV vs -2.3565e6 eV!`

38. Calculated and tabulated Q values disagree.
*reaction label 51: H1 + Pm148_e33 (Error # 0): Q mismatch*

`WARNING: Calculated and tabulated Q-values disagree: -2708799.795318604 eV vs -2.3599e6 eV!`

39. Calculated and tabulated Q values disagree.
*reaction label 52: H1 + Pm148_e34 (Error # 0): Q mismatch*

`WARNING: Calculated and tabulated Q-values disagree: -2735899.795318604 eV vs -2.387e6 eV!`

40. Calculated and tabulated Q values disagree.
*reaction label 53: H1 + (Pm148_c ->Pm148 + gamma) (Error # 0): Q mismatch*

`WARNING: Calculated and tabulated Q-values disagree: -2735899.795318604 eV vs -2.387e6 eV!`

41. Calculated and tabulated Q values disagree.
*reaction label 54: He4 + Nd145 (Error # 0): Q mismatch*

`WARNING: Calculated and tabulated Q-values disagree: 7312021.805618286 eV vs 7.741e6 eV!`

42. Calculated and tabulated Q values disagree.
*reaction label 55: He4 + Nd145_e1 (Error # 0): Q mismatch*

`WARNING: Calculated and tabulated Q-values disagree: 7244801.805618286 eV vs 7673780. eV!`

43. Calculated and tabulated Q values disagree.
*reaction label 56: He4 + Nd145_e2 (Error # 0): Q mismatch*

`WARNING: Calculated and tabulated Q-values disagree: 7239521.805618286 eV vs 7.6685e6 eV!`

44. Calculated and tabulated Q values disagree.
*reaction label 57: He4 + Nd145_e3 (Error # 0): Q mismatch*

`WARNING: Calculated and tabulated Q-values disagree: 6654351.805618286 eV vs 7083330. eV!`

45. Calculated and tabulated Q values disagree.
*reaction label 58: He4 + Nd145_e4 (Error # 0): Q mismatch*

`WARNING: Calculated and tabulated Q-values disagree: 6563741.805618286 eV vs 6992720. eV!`

46. Calculated and tabulated Q values disagree.
*reaction label 59: He4 + Nd145_e5 (Error # 0): Q mismatch*

`WARNING: Calculated and tabulated Q-values disagree: 6531571.805618286 eV vs 6960550. eV!`

47. Calculated and tabulated Q values disagree.
*reaction label 60: He4 + Nd145_e6 (Error # 0): Q mismatch*

`WARNING: Calculated and tabulated Q-values disagree: 6392191.805618286 eV vs 6821170. eV!`

48. Calculated and tabulated Q values disagree.
   *reaction label 61: He4 + Nd145_e7 (Error # 0): Q mismatch*

   `WARNING: Calculated and tabulated Q-values disagree: 6391301.805618286 eV vs 6820280. eV!`

49. Calculated and tabulated Q values disagree.
   *reaction label 62: He4 + Nd145_e8 (Error # 0): Q mismatch*

   `WARNING: Calculated and tabulated Q-values disagree: 6374971.805618286 eV vs 6803950. eV!`

50. Calculated and tabulated Q values disagree.
   *reaction label 63: He4 + Nd145_e9 (Error # 0): Q mismatch*

   `WARNING: Calculated and tabulated Q-values disagree: 6300801.805618286 eV vs 6729780. eV!`

51. Calculated and tabulated Q values disagree.
   *reaction label 64: He4 + Nd145_e10 (Error # 0): Q mismatch*

   `WARNING: Calculated and tabulated Q-values disagree: 6260611.805618286 eV vs 6689590. eV!`

52. Calculated and tabulated Q values disagree.
   *reaction label 65: He4 + Nd145_e11 (Error # 0): Q mismatch*

   `WARNING: Calculated and tabulated Q-values disagree: 6226771.805618286 eV vs 6655750. eV!`

53. Calculated and tabulated Q values disagree.
   *reaction label 66: He4 + Nd145_e12 (Error # 0): Q mismatch*

   `WARNING: Calculated and tabulated Q-values disagree: 6200821.805618286 eV vs 6.6298e6 eV!`

54. Calculated and tabulated Q values disagree.
   *reaction label 67: He4 + Nd145_e13 (Error # 0): Q mismatch*

   `WARNING: Calculated and tabulated Q-values disagree: 6161761.805618286 eV vs 6590740. eV!`

55. Calculated and tabulated Q values disagree.
   *reaction label 68: He4 + Nd145_e14 (Error # 0): Q mismatch*

   `WARNING: Calculated and tabulated Q-values disagree: 6150971.805618286 eV vs 6579950. eV!`

56. Calculated and tabulated Q values disagree.
   *reaction label 69: He4 + Nd145_e15 (Error # 0): Q mismatch*

   `WARNING: Calculated and tabulated Q-values disagree: 6149701.805618286 eV vs 6578680. eV!`

57. Calculated and tabulated Q values disagree.
   *reaction label 70: He4 + Nd145_e16 (Error # 0): Q mismatch*

   `WARNING: Calculated and tabulated Q-values disagree: 6098321.805618286 eV vs 6.5273e6 eV!`

58. Calculated and tabulated Q values disagree.
   *reaction label 71: He4 + Nd145_e17 (Error # 0): Q mismatch*

   `WARNING: Calculated and tabulated Q-values disagree: 6062291.805618286 eV vs 6491270. eV!`

59. Calculated and tabulated Q values disagree.
*reaction label 72: He4 + Nd145_e18 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: 6026421.805618286 eV vs 6.4554e6 eV!
```

60. Calculated and tabulated Q values disagree.
*reaction label 73: He4 + Nd145_e19 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: 5995221.805618286 eV vs 6.4242e6 eV!
```

61. Calculated and tabulated Q values disagree.
*reaction label 74: He4 + Nd145_e20 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: 5985721.805618286 eV vs 6.4147e6 eV!
```

62. Calculated and tabulated Q values disagree.
*reaction label 75: He4 + Nd145_e21 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: 5973421.805618286 eV vs 6.4024e6 eV!
```

63. Calculated and tabulated Q values disagree.
*reaction label 76: He4 + Nd145_e22 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: 5911121.805618286 eV vs 6.3401e6 eV!
```

64. Calculated and tabulated Q values disagree.
*reaction label 77: He4 + Nd145_e23 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: 5910721.805618286 eV vs 6.3397e6 eV!
```

65. Calculated and tabulated Q values disagree.
*reaction label 78: He4 + Nd145_e24 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: 5908101.805618286 eV vs 6337080. eV!
```

66. Calculated and tabulated Q values disagree.
*reaction label 79: He4 + Nd145_e25 (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: 5884421.805618286 eV vs 6.3134e6 eV!
```

67. Calculated and tabulated Q values disagree.
*reaction label 80: He4 + (Nd145_c ->Nd145 + gamma) (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: 5884421.805618286 eV vs 6.3134e6 eV!
```

68. Calculated and tabulated Q values disagree.
*reaction label 81: Sm149 + gamma (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: 5717589.187072754 eV vs 5.871e6 eV!
```

69. Calculated and tabulated Q values disagree.
*reaction label 82: n + He4 + Nd144 + gamma (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: 1674629.619125366 eV vs 1.985e6 eV!
```

65

70. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
*reaction label 82: n + He4 + Nd144 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*

```
WARNING: Extra zero-probability outgoing energies found at incident energy 5.e6 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 6.e6 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 7.e6 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 8.e6 eV
        ... plus 13 more instances of this message
```

71. Calculated and tabulated Q values disagree.
*reaction label 83: n[multiplicity:'2'] + He4 + Nd143 + gamma (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -5841893.296203613 eV vs -5.831e6 eV!
```

72. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
*reaction label 83: n[multiplicity:'2'] + He4 + Nd143 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*

```
WARNING: Extra zero-probability outgoing energies found at incident energy 1.3e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.4e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.45e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.5e7 eV
        ... plus 5 more instances of this message
```

73. Calculated and tabulated Q values disagree.
*reaction label 84: n[multiplicity:'2'] + H1 + Pm146 + gamma (Error # 0): Q mismatch*

```
WARNING: Calculated and tabulated Q-values disagree: -15189814.89717102 eV vs -1.5243e7 eV!
```

74. If an outgoing energy distribution ends with more than one energy with probability=0, proper unitbase treatment is unclear. Distribution should end with exactly one P=0 point.
*reaction label 84: n[multiplicity:'2'] + H1 + Pm146 + gamma / Product: n / Distribution: / energyAngular - XYs3d: (Error # 0): extraOutgoingEnergy*

```
WARNING: Extra zero-probability outgoing energies found at incident energy 1.8e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 1.9e7 eV
WARNING: Extra zero-probability outgoing energies found at incident energy 2.e7 eV
```

75. Cross section domain does not match domain of linked reaction cross section sum
*crossSectionSum label 1: (z,n) (Error # 0): summedCrossSectionDomainMismatch*

```
WARNING: Cross section domain does not match domain of linked reaction cross section sum
```

76. Cross section domain does not match domain of linked reaction cross section sum
*crossSectionSum label 2: (z,p) (Error # 0): summedCrossSectionDomainMismatch*

```
WARNING: Cross section domain does not match domain of linked reaction cross section sum
```

- `njoy2012`  Warnings:

1. Recoil is not given, so one-particle recoil approximation used.
   *heatr...prompt kerma (0): HEATR/hinit (4)*

```
---message from hinit---mf6, mt102 does not give recoil za= 62149
                        photon momentum recoil used.
```